

STRENGTHENING NEAR WELL BORE SUBTERRANEAN FORMATIONS

Abstract of the Disclosure

[034] The present invention relates to improved methods for completing well bores along producing zones and, more particularly, to methods for strengthening near well bore subterranean formations. Some embodiments of the present invention provide a method of strengthening the near well bore region of a subterranean formation comprising the steps of isolating a zone of interest along a well bore; either hydrajetting a slot in the zone of interest or acidizing the zone of interest to create wormholes; filling the slot or wormholes with a consolidation material wherein the viscosity of the consolidation material is sufficient to enable the consolidation material to penetrate a distance into the formation; and, allowing the consolidation material to substantially cure.